

PART I Authorization to Operate

- A. The permittee is authorized to operate Class V Injection Wells at the facility as described in the permit application and in the cover page of this permit, in accordance with the provisions set forth in this permit.
- B. Only the treated groundwater from the groundwater treatment system described in the permit application shall be injected.
- C. This permit and the authorization to inject shall remain in effect until the expiration date stated on the cover page of this permit. If the permittee desires to continue injection past the expiration date of this permit, the permittee shall request a permit reissuance at least 180 days prior to expiration of this permit.

PART II Construction Requirements

- A. Injection Well Requirements
 - 1. If the subsurface conditions are determined to be unsuitable for injection, the permit may be revoked.
 - 2. The permittee shall maintain a means of sampling the wastewater being injected after treatment and prior to injection
- B. Modifications

Approval by the Department shall be obtained prior to modification of any injection well or supporting surface. Modification shall mean any action that will change the configuration of the well beneath the surface, the methods of monitoring injection, or will result in injection of a fluid not specifically authorized by this permit.

PART III Monitoring and Operating Requirements

- A. Injection Fluid
 - 1. The permittee shall not inject any substance that is defined as hazardous or toxic by Federal or State laws or regulations or any substance not identified in the application for this permit. The proposed use of substances other than those identified in the permit application must be reviewed and approved by the Department prior to use.
 - 2. The permittee shall inject only wastewater that has been treated by passing through a groundwater treatment system as described in the permit application.
 - 3. The permittee shall monitor the wastewater to be injected as specified in Appendix A of this permit.
 - 4. The permittee shall not exceed the limits established in Appendix A of this permit.

5. The Department may change the sampling requirements if the sampling data or other information indicates a need to do so.

B. Operation

1. Injection wells operated under this permit shall function properly and wastewater shall not surface or saturate the uppermost soil layer. Should an injection well fail to function properly, the permittee shall take corrective action, to include cessation of injection, as required by the Department.
2. The permittee shall adopt the following best management practices:
 - a) Inspect terminal equipment, tanks, and chemical containers regularly for leaks.
 - b) Calibrate treatment and application equipment regularly.
 - c) Comply with federal, State, and local solids and liquid waste disposal regulations.

PART IV Records, Reports, & Submittals

A. Records

1. The permittee shall record the information listed below for all monitoring activities:
 - a) The date, exact place, and time of sampling or sampling measurement(s);
 - b) The name of individual(s) who perform the sampling or measurement(s);
 - c) The date(s) analyses were performed;
 - d) The name of the individual(s) who performed the analyses;
 - e) The analytical or technical methods used;
 - f) The results of each analysis performed; and
 - g) The completed chain-of-custody forms for all samples collected.
2. The permittee shall retain all records concerning the data used to complete the permit application, the operation of the injection wells, and the nature and composition of pollutants injected; to include applicable records of the calibration of instruments, meters and gauges, quality control records, and recordings from continuous monitoring instrumentation; until at least three years after the closure of wells.
3. When requested by ADEM, the permittee shall deliver to the Department copies of any of the records maintained in accordance with this permit.

B. Reports

1. The reporting period for all monitoring performed under Appendix A shall be monthly. Upon the effective date of this permit, the permittee shall submit reports not later than 28 days after each monitoring period, whether a discharge occurs from the treatment system or not. The monitoring reports shall include:
 - a) The date, exact place, and time of sampling or sampling measurement(s);
 - b) The results of each analysis performed.
2. The permittee shall report to the Department any of the following:
 - a) Any planned action which will change the use of the injection well, will result in injection of a fluid different from that authorized by this permit, will change the method of operations of any injection well, or will change the method of the monitoring of well operations or injected fluids.
 - b) Any planned transfer of ownership of all or part of the permitted facility.
 - c) Any relevant facts of which the permittee becomes aware which should have been submitted in a permit application and any corrections to data previously submitted in a permit application.
3. Other Submittals

Studies, engineering reports, plans and specifications, plugging and abandonment plans, logging reports, and other technical documents submitted to comply with this permit shall be prepared by or under the supervision of qualified persons defined by Rule 6-8-.29 of the UIC Regulations of the Department.

PART V Plugging and Abandonment

The permittee shall perform any abandonment and closure actions that may be required by the Department to remove a threat to groundwater quality or to the health of persons which is caused by the injection activity.

PART VI Permit Modification, Revocation, Suspension, and Termination

- A. The Director may impose emergency additional conditions to this permit when necessary to protect waters of the state from pollution. These conditions may include suspension of the permit to inject and shall remain in effect until the permit is modified, revoked, suspended or terminated in accordance with Rules 6-8-.12(a)3-5 and 6-8-.12(f) of the UIC Regulations of ADEM.
- B. Non-emergency permit modification, revocation, suspension, and termination actions shall be accomplished in accordance with ADEM Administrative Code Rule 335-6-8.

PART VII General Provisions

- A. The permittee shall comply with all provisions of the UIC Regulations of ADEM and shall comply with all provisions of this permit and shall reduce or halt injection if needed to maintain compliance with the permit and regulations.
- B. The permittee shall comply with all applicable Federal and State hazardous waste management regulations.
- C. The permittee shall allow members of the Department staff to:
 - 1. access property and records of the permittee for purposes of inspection.
 - 2. collect samples of the injected fluids, process and wastewater streams associated with the permitted injection wells.
 - 3. collect samples from monitoring wells.
 - 4. obtain copies of records upon request.
- D. The permittee shall immediately take all reasonable steps to minimize or correct any adverse environmental impact resulting from the operation of the permitted injection wells.
- E. This permit does not convey any property rights of any sort, or any exclusive privilege.
- F. The filing of a request by the permittee for a permit modification, revocation, and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.
- G. Any noncompliance with this permit constitutes a violation of the Alabama Water Pollution Control Act and/or the Underground Injection Control Regulations and is grounds for enforcement action such as permit termination, revocation, modification; or denial of a permit renewal application.

APPENDIX A

The treated groundwater discharge shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTIC</u>	<u>UNITS</u>	<u>DISCHARGE LIMITS</u>	<u>MONITORING REQUIREMENTS</u>	<u>SAMPLE TYPE</u>
Benzene	mg/l	0.005	Monthly	Grab
Toluene	mg/l	1	Monthly	Grab
Ethyl Benzene	mg/l	0.7	Monthly	Grab
Xylenes	mg/l	10	Monthly	Grab
Benzo(a)pyrene	mg/l	0.0002	Monthly	Grab
MtBE	mg/l	Monitor	Monthly	Grab

ADEM Permit Rationale

Date: June 18, 2010

Prepared by: Joe Kelly

Permit Applicant Name: Lee County Department of Transportation

Facility Name: Lee Co DOT Camp # 2

Location: 5901 AL HWY 51
Opelika
Lee County, Alabama
Lat: N 32.571111/W -85.369861
Town 18N, Range 27 E, Section 5

UIC Permit Number ALSI9941542

Draft Permit is: Initial Registration / New Use

Injection Description: from

Discussion: Standard permit drafted.

1. No hazardous injection
2. Effluent Sampling required
3. Limits consistence with SDWA MCLs